

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S1    | 9    | dynamic adj range adj relaxation                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/04 09:49 |
| S2    | 2    | relaxation same subsurface same deform\$5 same borehole       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/01 16:43 |
| S3    | 11   | relaxation same deform\$5 same borehole                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/01 16:43 |
| S4    | 13   | (modular same fixture same member same position).ab.          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/03 08:42 |
| S5    | 4    | over-relaxation same node same movement                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/03 09:39 |
| S6    | 4    | (over near3 relaxation) same node same movement               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/03 09:40 |
| S7    | 16   | subsurface same model same region same borehole               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/03 09:43 |
| S8    | 1    | subsurface same model same region same borehole near3 failure | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/03 11:18 |
| S9    | 1    | subsurface same model same region and borehole near3 failure  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/03 10:05 |

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S10 | 1   | borehole near3 failure same node same deformation             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/03 10:06 |
| S11 | 1   | borehole same node same deformation same liner                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/03 11:19 |
| S12 | 2   | borehole same node same fail\$4 same liner                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/03 11:17 |
| S13 | 2   | "6069118".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 14:55 |
| S14 | 1   | subsurface same model same region same wellbore near3 failure | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/03 11:18 |
| S15 | 1   | wellbore same node same deformation same liner                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/03 11:19 |
| S16 | 2   | "6658387".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 09:49 |
| S17 | 2   | "5044198".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 11:20 |
| S18 | 2   | "4972703".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 11:21 |
| S19 | 497 | wellbore same simulat\$3                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 11:21 |

|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| S20 | 9     | wellbore same simulat\$3 same node                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 11:24 |
| S21 | 5     | borehole same simulat\$3 same node                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 11:25 |
| S22 | 24    | (wellbore or borehole) same failure same simulat\$3 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 11:25 |
| S23 | 834   | borehole same casing same liner                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 14:57 |
| S24 | 1     | S23 and simulat\$3 same fracture                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 14:56 |
| S25 | 2     | S23 and simulat\$3 same failure                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 14:57 |
| S26 | 61    | borehole same casing same liner same deform\$6      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 14:58 |
| S27 | 2     | S26 and simulat\$3                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 16:07 |
| S28 | 43298 | borehole or wellbore adj model                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 16:07 |
| S29 | 1     | (borehole or wellbore) adj model same grid          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 16:08 |

|     |   |   |   |    |    |                  |
|-----|---|---|---|----|----|------------------|
| S30 | 2 | (borehole or wellbore) adj model<br>same node | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 16:10 |
| S31 | 1 | (borehole or wellbore) adj model<br>same mesh | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 16:10 |